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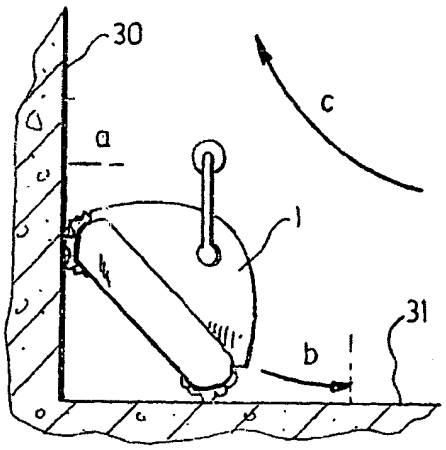
[continued on next page]

(54) Title: METHOD FOR CONTROLLING AN AUTOMATIC DEVICE FOR CLEANING A SURFACE IMMERSED IN LIQUID AND A CORRESPONDING CLEANING DEVICE

(54) Titre : PROCEDE DE PILOTAGE D'UN APPAREIL DE NETTOYAGE AUTOMATIQUE D'UNE SURFACE IMMERGEE DANS UN LIQUIDE, ET APPAREIL DE NETTOYAGE CORRESPONDANT



(57) Abstract: The invention relates to a method for controlling an automatic device for cleaning a surface immersed in liquid and to a corresponding cleaning device consisting in detecting the change of the device tilt angle corresponding to the travel thereof through a concave junction area between two immersed surface sections (30, 31) inclined with respect to each other provided that at least one change of the device tilt angle is detected and in initiating a specific cleaning procedure for said junction area. A device for carrying out the inventive method is also disclosed.

(57) Abrégé : L'invention concerne un procédé de pilotage d'un appareil de nettoyage automatique d'une surface immergée dans un liquide. On détecte les changements d'inclinaison de l'appareil correspondant à son passage sur une zone de jonction concave entre deux portions (30, 31) de la surface immergée inclinées l'une par rapport à l'autre, sous condition au moins qu'un changement d'inclinaison de l'appareil soit détecté, on déclenche une procédure de nettoyage spécifique de zone de jonction. L'invention s'étend à un appareil permettant la mise en œuvre de ce procédé.

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[Revised translation of the title abstract.]

Method for Guiding an Automatic Cleaning Device for a Surface Submerged in a Liquid, And Corresponding Cleaning Device

(57) Abstract: The invention relates to a method for guiding an automatic cleaning device for a surface submerged in a liquid. Changes in the device's inclination are detected; these changes correspond to its passage into a concave junction zone between two submerged surface portions (30 and 31) inclined relative to each other. Upon the condition that at least one change of the device's inclination is detected, a specific cleaning method for the junction zone is begun. The invention extends to a device making it possible to implement this method.